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At the beginning of 1947, the cost of the first stage of expansion was estimated at 600 million zlotys (1947 prices), employment at 1,000-1,200 persons, and production at 6 million zlotys (1937 prices).

It was especially important to assemble machines and machine tools as rapidly as possible, and to find sources of purchase, because of supply difficulties in the world machine market. The machine park of the M-10 factory will include standard heavy machine tools, such as a spindle lathe 10 meters long, with a spindle height of 1,000 millimeters; a turning and boring lathe with turn diameter of 3,600 millimeters and height of turn 3,000 millimeters; and a boring machine with a 200-millimeter arbor diameter. It will also have special machines, such as milling machines for slotting rotors for turbogenerators, segment slotting machines, winding machines of all kinds, welding machines, etc.

The total cost of the equipment will amount to over 300 million zlotys at early 1947 prices.

The domestic market will furnish half of the 250-odd machine tools and machines planned for the initial stage in the construction of the M-10 factory. A few will be received in the form of reparations, and the remainder must be purchased abroad. The delivery dates will be spread over a long period. At the beginning of 1948, the plant will receive machine tools for the tool shop and at the end of 1948, most of the domestic machines (light and medium) and some foreign machines will be delivered. The heaviest machine tools and special machines will be delivered in 1949.

Construction work on the factory was begun in July 1947. The following work was planned for 1947:

1. Area to be cleared of rubble (nearly 300 carloads of rubble to be carted away).
2. Production Shop A to have roof, doors, and windows repaired and to be completely weatherproofed. (Because of the shortage of wire glass for air shafts, difficulties have arisen. Approximately 18,000 square meters are needed for the two production shops. In 1947, the factory is to receive only 9,000 square meters of wire glass. Therefore, the date for completion of the reconstruction of Production Shop B had to be moved up to 1948.)
3. Part of the administration building and other auxiliary buildings, such as guard stations, garages, restaurants, etc., to be repaired and weather-proofed.
4. The boilerhouse to be weatherproofed and the boilers to be repaired gradually.

Repairs on Production Shop B will be completed in 1948. Part of this shop will be reinforced so that the support for a traveling crane with a carrying capacity of 100 tons can be installed. This will permit the installation of a turbogenerator with a power capacity of 50,000 kilovolt-amperes. Installations in both shops, such as electric power and light, central heating plant, water, and gas will be completed. At the beginning of 1948, the tool shop will start operating and producing all types of tools, such as die cutters and drilling tools for future production.

In line with the work on the plant, manpower for the M-10 factory is being prepared. The training center in Sulecin, Ziemia Lubuska, is training rural youth for the electric-machine industry. At the M-21 enterprise in Wroclaw, a course for winding armatures has been organized. For the future needs of the

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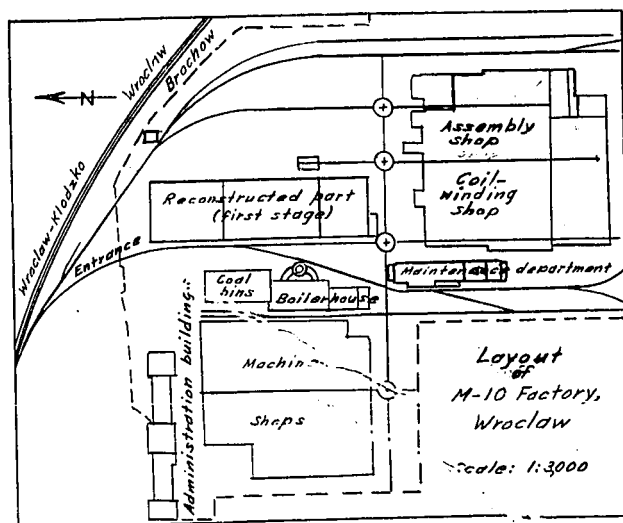
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M-10 factory, special advanced electrical and mechanical courses have been activated at the industrial school at the state freight-car factory in Wroclaw. In addition to this, a number of workers will be trained at the M-1 factory in Zychlin, and a few engineers will be sent abroad ~~for~~ training.

[Plan of factory follows.]



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